## Federal and state regulations concerning erosion control for construction projects are in flux

There are two Department of Commerce code development projects that affect erosion control, one near fruition and one just beginning. Relevant Department of Natural Resources rules have changed recently and others will take effect soon.

There were sweeping changes in 2003 to the underlying federal Environmental Protection Agency rules and initiatives.

The Department of Commerce, Safety and Buildings Division, administers rules for construction erosion control and storm water management involving one- and two-family dwellings and commercial buildings.

Comm 21.125 contains the current erosion control rules for one and two-family dwellings. That rule has specific measures that must be used, regardless of the acreage involved.

Commercial building erosion control is

addressed in Wisconsin Commercial Building Code, Comm 61.115. That rule requires preparation of an erosion control plan and a storm water management plan, including submission of a Notice Of Intent (NOI) to S&B, for projects of five acres or more.

In 2003 the federal Environmental Protection Agency changed its erosion control requirements from affecting five acres of land being disturbed by construction to one acre. (To learn more about EPA's efforts, see the March 2003 WCCR). The EPA change was part of a national initiative to reduce non-point pollution, and went along with major requirements that municipalities in Wisconsin are implementing beyond the erosion control aspects.

The federal one-acre threshold is not now written or referenced in any Commerce code.

continued on page 5

### Wisconsin Construction Codes Report, September 2004

## UDC rules on guardrail opening size and exiting from small dwellings adopted

Comm 21, Uniform Dwelling Code, changes including reduction of guardrail opening size from six inches maximum to four inches maximum were adopted in August, with an effective date of January 1, 2005.

The code change package also includes less stringent rules for exiting from small dwellings. The current code permits a door and a window as exits from a small dwelling with a first floor area of **250** square feet ore less.

The code effective January 1 will permit a door and a window as exits from a small dwelling with a first floor area of **400** square feet or less.

Administrative changes to Comm 20 as a result of the passage of the statewide enforcement of the UDC, the Home Safety Act, are also in the package.

For more information, contact S&B UDC Program Manager, Larry Swaziek, 608-267-7701, Lswaziek@commerce.state.us. The final draft of the changes are online, http://www.commerce.state.wi.us/SB/SB-CodeDevelopment.html.

This space was a guardrail graphic that won't print in the PDF.

# Fall and Early Winter 2004 Plumbing and POWTS Continuing Education

The classes on pages 2 and 3 are different. More 2005 classes will be announced in October. Put a check mark in front of the classes you wish to attend.

<b>Miscellaneous Code Changes, Plumbing Exam Part 1</b> – Covers a variety of issues that may be part of a MP or JP exam: wastewater treatment devices, cross connection control, indirect and local wastes, health care facilities, and more – 3 credit hours – Approved for MP, JP, Commercial Plumbing Inspector, UDC Plumbing Inspector – Course 6483 – Cost \$45
Eau Claire, 12/15/04, 8:30 - 11:30 a.m. (Holiday Inn Campus, 2703 Craig Rd.) Fond du Lac, 12/07/04, 8:30 - 11:30 a.m. (Holiday Inn, 625 Rolling Meadows Dr)
<b>Drain and Vent Design, Plumbing Exam Part 2</b> – All the venting scenarios that are code complaint in Wisconsin, vent sizing, stack vents, vent stacks, and sizing of the drain system. – 3 credit hours – Approved for MP, JP, Commercial Plumbing Insp., UDC Plumbing Insp. – Course 6484 – Cost \$45 Eau Claire, 12/15/04, 12:30 – 3:30 p.m. (Holiday Inn Campus, 2703 Craig Rd.) Fond du Lac, 12/07/04, 12:30 – 3:30 p.m. (Holiday Inn, 625 West Rolling Meadows Dr)
Water Sizing, Plumbing Exam Part 3 – How to properly size the water service and water distribution system. – 3 credit hours – Approved for MP, JP, MPRS, JPRS, MPRA, JPRA, Commercial Plumbing Inspector, UDC Plumbing Inspector – Course 6485 – Cost \$45  Eau Claire, 12/16/04, 8:30 - 11:30 a.m. (Holiday Inn Campus, 2703 Craig Rd.)  Fond du Lac, 12/08/04, 8:30 - 11:30 a.m. (Holiday Inn, 625 West Rolling Meadows Dr)
<b>POWTS, Plumbing Exam Part 4</b> – Basic soils, application rates, component manuals, and design of conventional, pressure, and mound systems – Approved for MP, JP, MPRS, JPRS, POWTS Inspector, POWTS Maintainer, Certified Soil Tester – Course 6486 – Cost \$45  Eau Claire, 12/16/04, 12:30 – 3:30 p.m. (Holiday Inn Campus, 2703 Craig Rd.)  Fond du Lac, 12/08/04, 12:30 – 3:30 p.m. (Holiday Inn, 625 West Rolling Meadows Dr)
Pre-registration required. No walk-ins! Arrive 30 minutes early to check in. No confirmation letters will be sent. Limited seating. Lists of people registered for the classes will be on the S&B WebSite, beginning September 17, http://www.commerce.state.wi.us/SB/SB-DivContinuingEducation.html. Keep a copy of the completed registration form, so you know for when and where you've signed up.
Name
S&B Customer ID Number
Address
City/State/Zip
Daytime Telephone: Total cost \$ Mail this registration form and check to: Safety and Buildings, Roberta Ward, PO Box 2689, Madison, WI 53701-2689. Personal information you provide may be used for secondary purposes [Privacy Law, s. 1504(1)(m)] 100-143-SBDV-323R-SG72-7630
100-1-325K-3C/2-7030

Safety and Buildings Division, Wisconsin Department of Commerce

## Fall and Early Winter 2004 Plumbing and POWTS Continuing Education

The classes on pages 2 and 3 are different. More 2005 classes will be announced in October. Put a check mark in front of the classes you wish to attend.

Storm water Plan Submission and Installation – Introduction to the revisions of Comm 82.36 and the options for plan design and installation. Students should bring a notebook, pencil, and calculator – 6 credit hours – Approved for MP, JP, MPRS, JPRS, Commercial Plumbing Inspector, UDC Plumbing Inspector – Course 6482 – Cost \$90  Superior, 10/07/04, 8:30 - 11:30 a.m., 12:30 – 3:30 p.m. (Indianhead Tech. Col., 600 North 21st St.)  Green Bay, 11/10/04, 8:30 - 11:30 a.m., 12:30 – 3:30 p.m. (Ramada Plaza, 2750 Ramada Way)  Waukesha, 10/19/04, 8:30 - 11:30 a.m., 12:30 – 3:30 p.m. (Quality Inn 2417 Bluemound Road)  Mineral Point, 12/02/04, 8:30 - 11:30 a.m., 12:30 – 3:30 p.m. (Comfort Inn, 1345 Business Park Rd)
2004 Plumbing Code Changes – Comm 81, 82.20, 82.36, 82.365 – 3 credit hours – Approved for MP, JP, MPRS, JPRS, Commercial Plumbing Inspector, UDC Plumbing Inspector – Course 6490 – Cost \$45  Portage, 12/09/04, 8:30 - 11:30 a.m. (Best Western, 2701 Hwy CX)
<b>2004 POWTS Code Changes</b> – Comm 83, 84, 85 update, products update, POWTS freze-up forum – 3 credit hours – Approved for MP, JP, MPRS, JPRS, Commercial Plumbing Inspector, POWTS Inspector, POWTS Maintainer, Certified Soil Tester – Course 6489 – Cost \$45  Portage, 12/09/04, 12:30 – 3:30 p.m. (Best Western, 2701 Hwy CX)
In Depth, In Situ Soils Review — Basic soil morphology, soil treatment, soil limitations, soil report completion, interpretation and use, soil modifications — 3 credit hours — Approved for MP, JP, MPRS, JPRS, POWTS Inspector, Certified Soil Tester, Commercial Plumbing Inspector — Course 6491 — Cost \$45  Fond du Lac, 1/18/05, 8:30 - 11:30 a.m. (Moraine Park Technical College, 235 North National Ave)  Mauston, 1/11/05, 8:30 - 11:30 a.m. (Western Wisconsin Technical College, 1000 College Ave)  Chippewa Falls, 1/04/05, 8:30 - 11:30 a.m. (Chippewa Valley Technical College, 770 Scheidler Rd)
Plumbing Products and Materials – What needs to be approved? What is the product and materials approval process? Selection of proper materials – 3 credit hours – Approved for MP, JP, MPRS, JPRS, MPRA, JPRA, POWTS Inspector, Commercial Plumbing Inspector, UDC Plumbing Inspector – Course 6488 – Cost \$45  Fond du Lac, 1/18/05, 12:30 – 3:30 p.m. (Moraine Park Technical College, 235 North National Ave)  Mauston, 1/11/05, 12:30 – 3:30 p.m. (Western Wisconsin Technical College, 1000 College Ave)  Chippewa Falls, 1/04/05, 12:30 – 3:30 p.m. (Chippewa Valley Technical College, 770 Scheidler Rd)
Pre-registration required. No walk-ins! Arrive 30 minutes early to check in, No confirmation letters will be sent. Limited seating. Lists of people registered for the classes will be on the S&B WebSite, beginning September 17, http://www.commerce.state.wi.us/SB/SB-DivContinuingEducation.html. Keep a copy of the completed registration form, so you for where and when you've signed up.
Name
S&B Customer ID Number
Address
City/State/Zip
Daytime Telephone: Total cost \$
Mail this registration form and check to: Safety and Buildings, Roberta Ward, PO Box 2689, Madison, WI 53701-2689.  Personal information you provide may be used for secondary purposes [Privacy Law, s. 1504(1)(m)]  100-143-SBDV-323R-SG72-7630

### POWTS Maintainer/ Qualifier Class

The UW-Madison Small Scale Waste Management Project will offer an all-day POWTS Maintainer/Qualifier class Wednesday, October 13, 2004, at the Arlington UW Ag Research Station

"Pretreatment/Treatment Systems" (classroom) is the morning topic and Evaluation and Maintenance (classroom and field demo, includes water testing) is the afternoon topic.

The class is approved for six credit hours for POWTS maintainer and qualifier certifications, and, also provides continuing education credits for POWTS inspector, POWTS maintainer, certified soil tester, master and journeyman plumber and septage hauler (DNR). Fee \$70. Instructor: Jim Converse, UW-Madison.

For more information, contact Jim Peterson, UW Environmental Resources Center, 1545 Observatory Drive, Madison, 53706; 608 262-3799; jopeters@wisc.edu.

### **POWTS Soils Class**

The UW-Madison Small Scale Waste Management Project will offer half-day, field sessions on Reading Shallow Soil Saturation.

This soil-pit session will provide skill development in the approach and techniques for determination of saturation in shallow soils.

Sessions will be held in October, 2004, at a site in Waukesha County, and on the Lake Superior clays (Ashland or Bayfield Co.).

Continuing education credit has been approved for 3.5 hours for certified soil tester, POWTS inspector, POWTS maintainer, and master and journeyman plumber credentials. Fee \$42. Instructor: E. Jerry Tyler, UW-Madison.

For more information, contact Jim Peterson, UW Environmental Resources Center, 1545 Observatory Drive, Madison, 53706; 608 262-3799; FAX 608 262-2031; jopeters@wisc.edu.

#### Continuing education information is online.

http://www.commerce.state.wi.us/ SB/SB-DivContinuing Education.html

The Wisconsin Plumbing Products Register is updated each month, http://www.commerce.state.wi.us/SB/SB-PubsPlumbProdReg.html

Q&A about the Wisconsin Commercial Building Code is online, http://www.commerce.state.wi.us/ SB/SB-CommercialBuildings CodeQuestions.html

## Alternative to Halon 1301 Systems, HFC-125

The Wisconsin Chapter of the Society of Fire Protection Engineers (SFPE) is hosting a training session after an upcoming "short" business meeting to learn the halocarbon clean agent suppression system: FE-25 (i.e., HFC-125, pentafluoroethane), An Alternative for Halon 1301 in Existing Systems. \*\*\* One credit hour of continuing education approved by the Safety and Buildings Division for Commercial Building Inspectors, Automatic Fire Sprinkler Contractors, Journeyman Automatic Fire Sprinkler Fitters, and Automatic Fire Sprinkler Contractors-Maintenance. \*\*\* Machine Shed Restaurant, N14 W24145 Tower Place, Pewaukee, on Wednesday, September 15, 2004, 5 p.m. to 7:30 p.m. \*\*\* Educational session is free, but if you would like to order a meals, there is a \$20 charge. \*\*\* For additional information, contact SFPE Chapter President, Paul Hubrich, 262-502-9886, paul.hubrich@gegapservices.com

### Construction erosion control

continued from page 1

However, in August a change to Comm 61.115 that would lower the size to one acre was undergoing review by legislative committees. If the revision passes committee review and is adopted by the Secretary of Commerce, Cory Nettles, a possible effective date is in early 2005.

Currently, submittal to S&B of an NOI for a commercial building site of five acres or more is mandatory. When a project is completed and the land is stabilized, a Notice of Termination form needs to be sent to S&B.

An owner may submit an NOI to S&B for a commercial building project of 1-5 acres, in order to satisfy federal regulations.

A Commerce code development project has been started to consider rewriting, in cooperation with other agencies, erosion control rules for both commercial and residential construction projects. See the Comm 20/Comm 60 scope statement online, http://www.commerce.state.wi.us/SB/SB-CodeDevelopment.html.

If you have questions concerning construction site erosion control on building sites, contact Safety and Buildings Erosion Control Program Manager Lynita Docken 608-785-9349, Ldocken@commerce.state.wi.us, or Erosion Control Section Chief Brian Ferris 608-785-9335, bferris@commerce.state.wi.us.

The DNR is recognized by the EPA as the Wisconsin agency to issue discharge elimination permits (WPDES or Wisconsin Pollutant Discharge Elimination System). Part of that responsibility covers construction site erosion control.

After the EPA changed its requirements from fives acres to one acre of disturbed land, the DNR reduced its threshold to one acre or more, effective August 1, 2004.

On October 1, 2004, DNR NR 151 rules on post-construction storm water management will become effective. Then, projects that disturbed land of over one acre will need to meet DNR post-construction run-off standards.

If you have questions on DNR erosion control and storm water management, contact Eric Rortvedt, Storm Water Coordinator, 608-264-6273.

### Fax or email technical code questions to:

- Amusement Rides, Rope/Ski Tows	608-283-7419	healthsafetech@commerce.state.wi.us
- Boilers andPressure Vessels	608-283-7420	sbboilertech@commerce.state.wi.us
- Building and Plumbing Products	608-283-7407	productech@commerce.state.wi.us
- Commercial Buildings, Comm 61-65	608-283-7402	bldgtech@commerce.state.wi.us
- Electrical	608-283-7418	electrictech@commerce.state.wi.us
- Elevators	608-283-7411	elevatortech@commerce.state.wi.us
- Fire Protection Systems	608-283-7405	fireprotech@commerce.state.wi.us
- Gas Systems	608-283-7420	sbboilertech@commerce.state.wi.us
- Licenses, Certifications, Registrations	608-283-7400	madisoncred@commerce.state.wi.us
- Manufactured/Mobile Homes	608-283-7401	manf-homes@commerce.state.wi.us
- One- and Two-Family Dwelling Code	608-283-7428	udctech@commerce.state.wi.us
- Plumbing, Cross Connection Control	608-283-7403	plbgtech@commerce.state.wi.us
- Private Onsite Wastewater Treatment	608-283-7404	powtstech@commerce.state.wi.us
- Public Sector Safety	608-283-7419	healthsafetech@commerce.state.wi.us
- Public Swimming Pools	608-283-7406	pooltech@commerce.state.wi.us
- Welding	608-283-7420	sbboilertech@commerce.state.wi.us

#### Safety and Buildings Offices

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Madison WI 53701
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1340 E Green Bay St #300
Shawano WI 54166
715-524-3626
Fax 715-524-3633
planschedule@commerce .state.wi.us
Waukesha Office
141 NW Barstow St, 4th flr
Waukesha WI 53188
262-548-8600
Fax 262-548-8614
planschedule@commerce
.state.wi.us

Sample S&B email address: samacher@commerce.state.wi.us

#### Fire Dept. Safety and Health, Amusement Ride, Public Sector Occupational Safety Inspectors

		•	1	
Scott Amacher	Cameron		. 715-828-5912	
Terrence Clark	Stevens Point .		. 715-345-5342	
Timothy Condon	Waukesha		. 414-852-3660	
Vernon Lemke	Green Bay		. 920-366-2782	
Shirley Noltemeyer	Waunakee		. 608-235-0566	
David Vriezen, Superv	Madison		. 608-261-2503	

#### **Fire Protection Coordinators**

John Andersen	. Chippewa Falls	715-726-2556
Sue Birren	. Milwaukee	414-371-5673
Dave Bruflat	. Couderay	715-945-2995
Carl Frisque	Green Bay	920-492-7728
Terry Nolen	Verona	608-845-5375
Dan Menguin, Superv	. Madison	608-266-0056

#### **Fire Protection Systems**

Keith Glaunert	. Waukesha	. 262-548-8604
Lynne LeCount	. Green Bay	. 920-492-7727
Dan Menguin, Superv	. Madison	. 608-266-0056

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#### 

Plumbing/Pool Consultants				
Tom Braun	Stevens Point 715-340-5387			
D II 1.	715 (24 4004			

Iom Braun	Stevens Point	/15-340-538/
Don Hough	Hayward	715-634-4804
Tim Joyce	Madison	608-235-0557
Don Oremus	Pelican Lake	715-584-2007
Jim Wehinger	Friendship	608-339-7430
Jim Zickert	Eldorado	920-948-7336
Harold Stanlick, Superv.	Waukesha	262-521-5065

#### **Plumbing Plan Reviewers**

Herman Delfosse	. La Crosse	608-789-5535
Tom Devereaux	. Hayward	715-634-3026
Wes Grube	. Green Bay	920-492-5613
Chester Kintop	. Waukesha	262-548-8634
Dan Kraft	. Madison	608-266-8075
Ken Pertzborn	. Madison	608-267-2242
Curt Wendorff	. Shawano	715-526-9056

#### **Elevator Inspectors**

David Holmes	Eau Claire	715-828-5901
Timothy Marty	Appleton	920-428-9422
James Pacala	Woodruff	715-296-2906
George Poblocki	Amherst	715-340-0109
Frank Wozniak	Waukesha	414-315-8102
Dan Meneguin, Supe	rv. Madison	608-266-0056

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Jerry Swim	La Crosse	608-789-7892
Keith Wilkinson	Shawano	715-524-3630

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Duane Leetch	Cornell	715-559-8817
James Markiewicz	Appleton	920-428-9423
Terry Waldbillig	Waukesha	414-303-8575
Jon Wolf	Lake Mills	920-723-0032
Dean Yourchuck, Jr	Muscoda	608-235-0607
Rick Merkle, Superv	Madison	608-266-3037

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#### **Specialty Telephone Contacts Industrial Hygienists** Agent Municipalities ....... Henry Kosarzycki 262-548-8615 Dave Vriezen, Superv. ... Madison ................. 608-261-2503 Elevators ....... Brian Rausch ..... 262-521-5444 **Rental Weatherization** Heating and Ventilation ..... Randy Dahmen .... 608-266-3162 Delores Kolosovsky...... Madison ................. 608-935-1454 Hospitals & Nursing Homes, DHFS ...... 608-266-3878 Dan Salopek ...... Sister Bay ...... 920-854-7405 Lighting ...... Randy Dahmen ... 608-266-3162 Manufactured Dwellings ... Gary Ekes ........... 608-575-0967 **Electrical Consultants** Permits Operate/Invoicing . Barb Lasek ......... 608-266-7548 Refrigeration ...... Mike Verhagen .... 262-548-8617 Tom Garvey ...... Milwaukee ........ 414-852-3696 Structural Steel Welding .... Mike Verhagen .... 262-548-8617 Raymond Weber ........... Wis. Rapids .......... 715-571-1609 Swimming Pool Review .... Glen Jones .......... 608-267-5265 Dan Meneguin, Superv. ... Madison ................. 608-266-0056 Training, con education ..... Henry Kosarzycki 262-548-8615 **Uniform Dwelling Code Consultants Commercial Building Inspectors** Leonard Alexander ......... Reedsburg .......... 608-235-0582 **Plumbing Products Reviewers** Nicholas Charles ...... La Crosse ............ 608-789-5657 Mike Beckwith ...... Madison ...... 608-266-6742 Jane Drager ...... Combined Locks . 920-366-2961 Steven Gothard ...... Cottage Grove ..... 608-235-0568 Emil Jensen ...... Green Bay ......... 920-822-2915 Chris Luster ..... Prairie du Chien .. 608-235-0581 Commercial Building Plan Reviewers Charlotte Martin ...... Edgerton ...... 608-235-0579 John Nygard ...... Green Bay ............ 920-366-2857 Sam Solberg ....... Stevens Point ...... 715-345-5226 Lawrence Weede ...... Lake Geneva ...... 262-949-4300 Betty Wiese ...... Milwaukee ....... 414-852-3694 Brian Ferris, Superv. ...... La Crosse ............ 608-785-9335 POWTS Wastewater Specialists Leroy Jansky ...... Chippewa Falls .... 715-726-2544 Matthew Janzen ...... Stevens Point ...... 715-345-5336 Dennis Sorenson ...... La Crosse ........... 608-785-9336 Duane Steiner ...... Baraboo ............ 608-235-0608 Harold Stanlick, Superv. .... Waukesha ............ 262-521-5065 Commerce graphic

**Questions about your continuing education credits?** Call the Credentialing Unit, 608-261-8500. Or, check the S&B WebSite, http://www.commerce.state.wi.us/SB/SB-HomePage.html, choose "Lists of people holding various licenses."



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